

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A microchip controller board comprising:
a programmable microchip controller;
terminals for writing a program into said microchip controller;
a circuit pattern having terminals for operating said microchip controller which are connected to shared terminals; and
an operating circuit pattern for operating said microchip controller which is disconnected in a portion where a program writing is not ~~obstructed~~obstructed, wherein a gap of the disconnected portion of said operating circuit pattern is narrower than a width of said operating circuit pattern and an interval of said circuit pattern.
2. (Canceled).
3. (Previously Presented) The microchip controller board according to claim 1, wherein
the gap of the disconnected portion of said operating circuit pattern is 0.2 mm or less.
4. (Currently Amended) The microchip controller board according to claim 1, wherein ~~a shape of~~ the disconnected portion of said operating circuit pattern is formed into ~~circularity. in a circular shape.~~
- 5.-8. (Canceled).
9. (Currently Amended) The microchip controller board according to claim 3, wherein ~~a shape of~~ the disconnected portion of said operating circuit pattern is formed into ~~circularity. in a circular shape.~~